

BARTAKOVA, L.

2

CZECHOSLOVAKIA

KRAL, B; CERNOCHOVA, Z; BARTAKOVA, L.

1. Second Internal Medicine Clinic of the Medical Faculty KU (II. interni klinika lekarske fakulty KU), Hradec Kralovy; 2. Rehabilitation Ward of the Faculty Hospital KUNZ (Rehabilitacni oddeleni fakultni nemocnice KUNZ), Hradec Kralovy - (for all)

Prague, Hozhledy v tuberkulose, No 3, 1963, pp 174-178

"The Value of Breathing Exercises in Bronchial Asthma."

SANTAROVA, Z.; LEDER, S.; HYDAS, J.

Differential thermal analysis and its application to the study of catalysts.
p. 151. (SILIKOV, Vol. 1, No. 2, 1957, Praha, Czechoslovakia)

10: Monthly List of East European Accessions (JULY 1957, Vol. 9, No. 1, Dec 1957. Incl.

BARTALINI, E.

BARTALINI, E.; GHIRINGHELLI, L. "Methemoglobinemia and Coproporphyrinuria in Experimental Aniline Poisoning." p. 121.
(Arhiv Za Higijenu Rada. Vol. 4, no. 2, 1953. Zased.)

SO: Monthly List of East European Accessions, Vol. 3, No. 6, Library of Congress, Feb. 1954, Uncl.

SZABO, Klara; FUSKAS, Maria; BARTALIS, Eva

The protein amino acid changes of the different genotypes of *Drosophila melanogaster* Meigen in the course of ontogenesis. Acta biol. acad. sci. Hung. 16 no.2:125-136 '65.

1. Institute of phylogeny and genetics, Eotvos Lorand University, Budapest (Head: B. Faludi). Submitted July 23, 1964.

KOROVINOVSKIY, I.G., inzh.; GEMENUSKIY, A.I., inzh.; BAKALOG, A.F., inzh.;
SHCHETVINSKIY, V.A., inzh.; LYTHIK, V.M., inzh.

RIND-150 type separators with two reversible columns. Energ. i
elektrotekh. prom. no.3:21-23 J1-S '64.

(MIRA 17-11)

LENE, F., BARTALOVA, K.

CSSR

no academic degrees indicated

Virological Institute of CSAV (Virologický ústav CSAV -československé akademie věd;
Czechoslovak Academy of Sciences), Bratislava; director: D. BLASKOVIC, ScD,
academician.

Bratislava, Bratislavské Lekárske Listy, No 1, 1963, pp 51-57

"The Effect of the Influenza Virus on the Potentiation of the Cardiotoxicity
of Hellebrine"

LINK, F.; BARTALOVA, K.

Effect of influenza virus on potentiation of the cardiotoxicity of hellebrin. Bratisl. lek. listy 63 no.1:51-57 '63.

1. Z Virologickeho ustavu CSAV v Bratislave, riaditel akad. D.Blaskovic, Dr. Sc.

(INFLUENZA VIRUSES)

(ELECTROCARDIOGRAPHY)

(HEART ARREST)

(GLYCOSIDES)

(PLANTS)

Discussions with the Institute of Zoology and
a personal interview in connection with the following
articles (Russian original title) and the year of publication:

3. NOTE:: East European Academic list, (EAL), Library of Congress
Vol. 5, no. 14, December 1966.

L 65097-65 EWT(m)/EPT(c)/EWP(j)/T/EWA(e) -EM

ACCESSION NR: AP5021967

UR/0286/65/000/014/0013/0013

678,745.2

66.095.264.3

AUTHOR: Krylov, O. V.; Bartan, O. O.

TITLE: A method for producing polyethylenimines.¹ Class 12, No. 172726 15

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 14, 1965, 13

TOPIC TAGS: organic imine compound, polymerization, polyethylene plastic, catalytic polymerization

ABSTRACT: This Author's Certificate introduces a method for producing polyethylenimines by polymerizing ethylenimines in the presence of a catalyst with the application of heat. The technological process is simplified and a wider selection of catalysts is provided by carrying out the process at 100°C and using molybdenum oxide, aluminosilicate or aluminum oxide as the catalyst.

ASSOCIATION: none

SUBMITTED: 02Apr64

NO REF SOV: 000

ENCL: 00

OTHER: 000

SUB CODE: MT, OC

MRF
Card 1/1

BARTAN, O.D.; REYLOV, O.V.

New heterogeneous catalysts for polymerization of acrylonitrile.
Izv. AN SSSR. Ser. khim. no.11:2053-2054 '65.

(RUSS 18:12)

A. Institut khimicheskoy fiziki AN SSSR.

1-000000

ACC NR: AD'027392

SUBJ CODE: 11/0013/45/100/000/0366/0369

AUTHOR: Bartane, Krottyko Katalin; Szalmazo, Szamosak Valeria; Vadasfalvyno, Ajtay
Agnes

ORG: none

TITLE: Structural and autocorrelation function of the areal distribution of sunshine duration

SOURCE: Idojaras, v. 69, no. 6, 1965, 366-369

TOPIC TAGS: autocorrelation function, solar radiation

ABSTRACT: The structural and autocorrelation functions of sunshine duration were calculated on the basis of daily records from 20 observatories in Hungary, for a period of 100 days selected on the basis of changeable cloudiness. The mean squares of the errors of the interpolation were calculated from the structural functions for station networks of different densities. The results are useful for the statistical characterization of the areal distribution of sunshine duration and for the estimation of the reasonable density of the sunshine-recording network. Orig. art. has: 3 figures and 3 formulas. [Based on authors' Eng. abst.] [JPRS: 34,272]

SUB CODE: 04, 12 / SUBJ DATE: none / ORIG REF: 002

Cord 1/1

BARTANEV, G.M.

USSR/Physics of High - Molecular Substances

D-9

Abs Jour : Referat Zhur - Fizika, No 5, 1957, 11546

Author : Bartanev, G.M.

Inst :

Title : Certain Problems in External Friction of Rubber

Orig Pub : Kolloid. zh., 1956, 10, No 5, 626-631

Abstract : No abstract.

Card 1/1

AKHIEZER, I. G.; BARTANOV, N. A.; SAMOYLOV, M. S.

"Results on Fluorescent Yields for the L Shell of Np and Pu."

report submitted for All-Union Conf on Nuclear Spectroscopy, Tbilisi, 14-22
Feb 64.

BAP'ANOV, Pavel Ivanovich; SUMKIN, A.N., red.; AKHANOV, TS.B., tekhn.red.

[Development of science in the Buryat-Mongolian A.S.S.R.; drive of the province party organizations to develop science in the republic during the postwar five-year plans] Razvitie nauki v Buriat-Mongol'skoi ASSR: iz opyta bor'by oblastnoi partiinoi organizatsii za razvitie nauki v respublike v gody poslevoennykh piatiletok. Ulan-Ude, Buriat-Mongol'skoe knizhnoe izd-vo, 1957. 114 p.
(Buryat-Mongolia--Culture) (MIRA 11:5)

DARTANIAN, G. V.

"Device for Remote Control of Liquid Level," Gidr. i mel., 4, No.4, 1952

BARTAOLVA Iordanka

Today more than yesterday. Ratsionalizatsia 14 no.10:4-8
1964.

1. Provincial Council of the Trade Unions, Ruse.

BARTAPETYAN, B.B.; KURSANOV, A.L.

Direct inclusion of molecular oxygen of the atmosphere and water into the catechols of the tea plant during oxidative condensation. Biokhim. chain. proizv. no.8:138-144 '60. (MIRA 14:1)

1. Institut fiziologii rasteniy imeniy K.A. Timiryazeva AN SSSR, Moskva.

(Tea)

(Catechol)

(Oxidation)

SKACEL, Jaroslav; MAREK, Miloslav; MIKUS, Miloslav; KNEZ, Jaroslav;
PAUK, Tomas; BARTAS, Frantisek; OREL, Petr; VYBIRAL, Josef;
BARTH, Vojtech; KNETTING, Petr; FOJT, Bohuslav; DVORAK, Jaroslav;
KOCIAN, Jan

The 2nd Regional Geological Conference in Opava. Prir cas
slezsky 23 no.1:133-143 '62.

MAKAROV, S.M.; BARTASH, A.N.; TARAN I.Ye.; KOKASHINSKIY, I.I.

Application of the gastric juice of horses in treating
young animals. Veterinariia 40 no.4:65-66 Ap '63.

(MIRA 17:1)

1. Starshiy veterinarnyy vrach Upravleniya veterinarii
Ministerstva proizvodstva i zagotovok sel'skokhozyaystvennykh
produktov BSSR (for Makarov). 2. Glavnyy veterinarnyy vrach
Sovkhoza "Shatilki", Svetlogorskogo rayona, Gomel'skoy
oblasti (for Bartash). 3. Glavnyy veterinarnyy vrach
Polesskoy sel'skokhozyaystvennoy opytnoy stantsii (for
Taran). 4. Glavnyy veterinarnyy vrach Svetlogorskogo
proizvodstvennogo upravleniya Belorusskoy SSR. (for Kokashinskiy).

BARTASH, A.N., veterinarnyy vrach

Use of tetracycline in paratyphoid fever of young pigs. Veterinaria 38 no.8:37 Ag '61 (MIRA 18:1)

1. Shatilkovskiy veterinarnyy uchastok, Parichskogo rayona, Gomel'skoy oblasti.

BARAN, T.M.

Spectrophotometric observations of RU Orionis and An Aurigae.
Izv. Kryn. astrofiz. obser. 31:37-43 '64. (MIRA 17:9)

S/035/62/000/007/024/083
A001/A101

AUTHORS:

Mustel', E. R., Kopylov, I. M., Galkin, L. S., Kumaygorodskaya, R.N.,
Bartash, T. M.

TEXT:

PERIODICAL: Spectrophotometric study of Nova Herculis 1960. I.
Referativnyy zhurnal, Astronomiya i Geodeziya, no. 7, 1962, 31,
abstract 7A236 ("Izv. Krymsk. astrofiz. observ.", 1961, v. 26,
181 - 216; English summary)

TEXT:

About 120 spectrograms of Nova Herculis and ζ Aql taken as a standard
were taken in March - April 1960 with the 122-cm reflector of the Crimean
Astrophysical Observatory, mainly with a quartz spectrograph with dispersion of
155 Å/mm at H γ . The following quantities were determined: equivalent widths
W λ and values of $\Delta\lambda$ (km/sec) for emission hydrogen lines H β -H α , as well as central
intensities I $_0$ with respect to continuous spectrum for all identified emission
lines in the spectrum of N Her. Changes of these characteristics of emission
lines in the course of time were generally analyzed. The average speed of enve-
lope expansion was estimated (1,850 km/sec) from the width of hydrogen lines.

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Card 1/2

ences. 5,050. Balmer

From authors' summary

MUSTEL', E.R.; BOYARCHUK, A.A.; BARTASH, T.M.

Energy distribution in the continuum of *N Aquilae* 1918 and RS
Ophiuchi. *Izv. Krym. astrofiz. obser.* 30:19-24 '63.
(MIRA 17:1)

KIREY, P.I. (stantsiya Moskalenki); KONDAKOV, N.P., inzh. (Novosibirsk);
SHAKHBALAYEV, M.A., dorozhnyy master; OBOLONSKIY, N.P., inzh.;
~~BARTASH, Y.Y.~~ SUKHANOVA, A.M., tekhnik (stantsiya Belev);
STAROVOTYENKO, S.P.

Letters to the editor. Put' i put. khoz. no.6:42-44 Je '58.

(MIRA 11:6)

1. Nachal'nik putevoy mashinnoy stantsii No.22 (for Kirey). 2. Stan-
tsiya Zenzeli Ordshonikidzevskoy dorogi (for Shakhbalayev). 3. Stan-
tsiya Loyga Pechorskoy dorogi (for Obolonskiy). 4. Nachal'nik
izyskatel'skoy partii, stantsiya Yasinovataya (for Bartash). 5. Be-
levskaya distantziya Moskovsko-Kiyevskoy dorogi (for Sukhanova).
6. Zamestitel' nachal'nika sluzhby puti Yugo-Vostochnoy dorogi,
Voronezh (for Starovoytenko).

(Railroads—Maintenance and repair)

UVAROV, Vladimir Vasil'yevich; BERNIN, Viktor Sergeyevich; GRYAZNOV, Nikolay Dmitriyevich; MIKHAIL'TSEV, Yevgeniy Yevgen'yevich; MUSATOV, Aleksandr Konstantinovich; PCHELKIN, Yuriy Mikhaylovich; CHERNOBROVNIK, Aleksey Petrovich; YUNOSHEV, Viktor Dmitriyevich; BARTASH, Ye.T., kand. tekhn.nauk, retsenzent; GALANOVA, N.S., inzh., red. izd-va; UVAROVA, A.F., tekhn. red.

[Gas-turbine units for locomotives; design and calculation] Loko-
motivnye gazoturbinnye ustanovki; raschet i proektirovanie. [By]
V.V.Uvarov i dr. Moskva, Mashgiz, 1962. 547 p. (MIRA 15:9)
(Gas-turbine locomotives)

5.C.4. BARTASHAYEV, V A

35. Synth. Rub. & Allied
Products

Stabilization of acetylene polymers. I. V. Dots-
corovay and V. A. BARTASHAYEV (U. S. S. R.,
U.S.S.R., 1947, 1291-1308; Chem. Abstr. 1947,
41, 8079).—The rate of absorption of oxygen at room
temperature by divinylacetylene (90-90% with
20-10% $\text{CH}_2=\text{CH}-\text{CH}=\text{CH}-\text{CH}_2$) was measured in the
formation of peroxide, was measured macroscopically
in the absence and presence of various antioxidants.

Without addition of stabilizer, maximum absorption
in the light attained 100 ml/g. after 12 days.
Two % aniline or toluene kept absorption below
10 ml/g. for over 40 days. Hydroquinone, 2%,
protects to the extent of not over 8 ml/g. absorbed
in 75 days. A protective power of about the same
order (2-3 months) was shown by 2% phenyl-beta-
naphthylamine and other naphthylamines.

352126,54236

1948

BAZILEVSKIY, Viktor Mamertovich; ISTRIN, Mikhail Aleksandrovich; BARTASHEV, Ibor' Leonidovich; LYURALINA, Soviya L'vovna; REZNIK, Iosif Davydovich; SHPAGIN, A.I., kandidat tekhnicheskikh nauk, retsenzent; VISSARIONOV, B.G., inzhener, retsenzent; KRASHENINNIKOV, S.S., retsenzent; FEL'DMAN, I.Ye., retsenzent; YAFAYEV, L.V., retsenzent; KOMAYEVA, O.M., redaktor izdatel'stva; MIKHAYLOVA, V.V., tekhnicheskiiy redaktor

[Secondary nonferrous metals; a reference manual] Vtorichnye tsvetnye metally; spravochnik. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii. Pt.3. [Metallurgy of copper and lead] Metallurgiya medi i svintsa. 1957. 544 p. (MLBA 10:3)
(Copper--Metallurgy) (Lead--Metallurgy)

S/136/61/000/003/003/004
E193/E183

AUTHOR: Bartashev, I. I.

TITLE: A Metallo-Ceramic Material

PERIODICAL: Tsvetnyye metally, 1961. No. 3, pp. 82-86

TEXT: After discussing the importance of powder metallurgy and its various applications, the present author mentions the following specific applications of sintered metals and alloys in the USSR: (1) Porous, oil-impregnated bearings made of iron (10-30% porosity); iron-graphite (20-30% porosity), and bronze-graphite (20-30% porosity); (2) sintered metal filters used in the motor car, aircraft, and chemical industries, (these are made of stainless steel (18/8, 18/12, etc.), silver, or bonded carbides of elements of the IV-th, V-th and VI-th groups); (3) sintered aluminum powder (Al) (SAP) used in the manufacture of pistons for internal combustion engines and compressor blades. He then illustrates the economic advantages of powder metallurgy on the example of bi-metal bearing bushes for diesel engines; these, when made from the conventional materials (cast lead bronze) cost 28.8 roubles per set, as compared with the cost of 11.0 roubles of Card 1/4 ✓

RERUN OF
STAPLED ONE

S/035/62/000/007/024/083
A001/A101

AUTHORS: Mustel', E. R., Kopylov, I. M., Galkin, L. S., Kumaygorodskaya, R.N.,
Bartash, T. M.

TITLE: Spectrophotometric study of Nova Herculis 1960. I.

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 7, 1962, 31,
abstract 7A236 ("Izv. Krymsk. astrofiz. observ.", 1961, v. 26,
181 - 216; English summary)

TEXT: About 120 spectrograms of Nova Herculis and ζ Aql taken as a standard
were taken in March - April 1960 with the 122-cm reflector of the Crimean
Astrophysical Observatory, mainly with a quartz spectrograph with dispersion of
155 Å/mm at H γ . The following quantities were determined: equivalent widths
W λ and values of $\Delta\lambda$ (km/sec) for emission hydrogen lines H β -H α , as well as central
intensities I_0 with respect to continuous spectrum for all identified emission
lines in the spectrum of N Her. Changes of these characteristics of emission
lines in the course of time were generally analyzed. The average speed of enve-
lope expansion was estimated (1,850 km/sec) from the width of hydrogen lines.

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Spectrophotometric study of Nova Herculis 1960. I.

S/035/62/000/007/024/083
A001/A101

Approximate brightness and date of maximum luminosity of N Her were determined from spectral changes observed in this Nova: $m_{\max} = 2^m50^s0^m17$ (probable error); March 1 ± 2^d5 (probable error). The absolute magnitude of the Nova in maximum was determined ($M_v = -10^m0$), as well as distance to the star ($R = 1,250$ pc) and total interstellar absorption in visual light at star distance ($A_v = 2^m0$). By comparing with ξ Aql relative energy distribution was obtained for each night in continuous spectrum of N Her within the wavelength range $\lambda 3,512 - 5,050$. Balmer decrement was calculated from lines $H\beta-H\gamma$. There are 12 references.

From authors' summary

[Abstracter's note: Complete translation]

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RERUN OF
STAPLED ONE

S/136/61/000/003/003/004
E193/E183

A Metallo-Ceramic Material

a set made from copper and lead powders. Next, hard alloys are discussed with particular reference to those containing titanium carbides. Thus, it is pointed out, if some of the tungsten carbide in the carbide tool tip material is replaced by titanium carbide, the resistance of the material to oxidation is increased 1.5-2 times, and the tendency of the chips to weld onto the cutting tip is reduced. Hard alloys, based on titanium carbide T5K10 (T5K10), T5K7 (T5K7), T14K8 (T14K8), T15K6 (T15K6), T30K4 (T30K4), are used in the Soviet Union as materials for cutting tools and also as abrasive powders. On the other hand, titanium powder obtained as a bi-metal product in the manufacture of wrought titanium has not yet found any application in the fabrication of metallo-ceramic materials. Some theoretical work (directed by Corresponding Member of AS Ukr.SSR Professor I.N. Frantsevich) on the utilization of titanium powder is being done at the Institut metallokeramiki AN USSR (Powder Metallurgy Institute AS Ukr.SSR) in Kiyev. Some work has also been carried out at the Laboratoriya metallokeramiki (Powder Metallurgy Laboratory) of TsNIICNM on the production of

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A Metallo-Ceramic Material

S/136/61/000/003/003/004
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titanium strip by cold rolling of pressed titanium powder compacts. However, judging by the absence of any published works, no serious attempts have been made to study powder metallurgy of this metal. And yet, titanium powder possesses all the attractive properties of massive metal; it is known, also, that the products of the Kroll process, used in the manufacture of titanium, contain approximately 20% of titanium fines ranging in particle size from -0.25 mm to 3.0 mm. It is very probable that a large proportion of this material could be used to fabricate components such as bushings for the marine propeller shafts, impeller blades in chemical equipment, fittings and flanges for pipe conduits transmitting chemically active media, etc. Fabrication of various titanium components by the powder metallurgy method would offer the following advantages. (1) It would eliminate the difficult and costly process of melting and casting which, in the case of titanium, has to be carried out in vacuum or in an inert atmosphere because of the high affinity of this metal for oxygen, hydrogen and nitrogen which have a harmful effect on its properties. (2) It would eliminate the costly machining operation and reduce the amount of scrap produced. (3) It would reduce the cost of raw materials, since waste products

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A Metallo-Ceramic Material

S/136/61/000/003/003/004
E193/E183

of the Kroll process could be used for this purpose, whose price is only a fraction of the price of cast titanium. (4) The scope of this method of fabrication could be considerably increased by mastering the electrolytic method of refining of titanium scrap; rough calculation shows that high quality powder produced by this method would be 3-5 times cheaper than titanium sponge. In view of the foregoing, the author concludes that it is imperative that a high priority should be given to instigating and coordinating researches on the production of titanium powder and on the development of powder metallurgy techniques suitable for this metal and its alloys. V.N. Yeremenko (Ref.5), as well as S. Abkovits, Dzh. Burke and R. Khilts (Ref.6) are mentioned for their contributions in the field. There are 1 table and 8 Soviet references.

Card 4/4

BARTASHEV, L.

Zadachi ratsionalizatsii na transporte. [The task of rationalization in transportation]. (Sots. transport, 1932, no. 1-2, p. 16-22).
DLC: HE7.S6

SO: SOVIET TRANSPORTATION AND COMMUNICATIONS, A BIBLIOGRAPHY, Library of Congress Reference Department, Washington, 1952, Unclassified.

BARTASHEV, L.V.; KATS, B.I., inzh., retsenzents; PETRENKO, O.S., inzh.,
retsenzents; LYUBOVICH, Yu.O., kand. ekonom. nauk, red.;
ZUBKO, L.T., tekhn. red.

[Organization of intershop conveying] Organizatsiia vnutri-
tsekhovogo transporta. Moskva, Mashgiz, 1950. 98 p.
(MIRA 15:3)

(Machinery industry--Equipment and supplies)
(Conveying machinery)

BARTASHEV, L. V.

Organizatsia vnutritsekhovogo transporta. Moskva, Mashgiz, 1950. 98 p. illus.

Organization of intrafactory transportation.

DLC: TSI49.B3

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

BARTASHEV, L.V., kandidat tekhnicheskikh nauk.

[Tools in the small plant] Instrumental'noe khoziaistvo nebol'shogo zavoda.
Moskva, Gos.izd-vo mestnoi promyshl.BSFSR, 1953. 97 p. (MLRA 6:10)
(Machine shop practice)

BARTASHEV, L., kandidat tekhnicheskikh nauk.

Bulk transportation of flour. Muk.-elev.prom. 22 no.4:21-22
Ap '56. (MLRA 9:8)

1. Odesskiy tekhnologicheskii institut imeni I.V. Stalina.
(Flour--Transportation)

BARTASHEV, L.V., dotsent, kand.tekhn.nauk

[Savings resulting from reducing the weight of machinery]
Ekonomika snizhenia vesa mashin. Odessa, Nauchno-tekhn.ob-vo
mashinostroit. promyshl., 1958. 54 p. (MIRA 12:2)
(Machinery--Construction)

BARTASHEV, L.V.

Transporting and storing flour in bulk form. Izv. vys. ucheb. zav.:
pishch. tekhn. no.1:81-86 '58. (MIRA 11:8)

1. Odesskiy tekhnologicheskii institut im. I.V. Stalina, Kafedra
detaley mashin.

(Flour—Storage) (Flour—Transportation)

SOV/28-58-6-6/34

AUTHOR: Bartashev, L.V., Candidate of Technical Sciences

TITLE: The Economic Efficiency of the Unification of Machines (Ekonomicheskaya 'effektivnost' unifikatsii mashin)

PERIODICAL: Standartizatsiya, 1958, Nr 6, pp 26-30 (USSR)

ABSTRACT: A comparison between the cost for individual manufacture of machines and the cost after their unification should be made if the economic efficiency of unification is to be determined. The plants are mostly satisfied by collecting data on the reduction of the production cycle, instrument, labor, etc. The total of all production costs before unification is calculated by the formula

$$S_1 = \sum (A_1 \cdot x_1) + \sum v_1$$
, where A_1 are the variable expenditures in individual production, x_1 is the number of machines produced per year, v_1 are

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The Economic Efficiency of the Unification of Machines

the fixed expenditures for the production of all machines. After unification the formula is

$S_u = A_u \cdot \sum x_u + v_u$, where A_u and v_u are the variable and fixed expenditures for unified machines, x_u the total volume of production for all unified machines. The relation between the different values and their influence on economic efficiency is demonstrated in 8 examples. It is recommended to consider also the change of operation expenditures of the unified machines and the change in the quality of their products.

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SOV/28-53-6-6/34

The Economic Efficiency of the Unification of Machines

There are 9 diagrams and 1 table.

ASSOCIATION: Odesskiy tekhnologicheskii institut imeni Stalina
(Odessa Technological Institute imeni Stalin)

Card 3/3

UGOLIK, Nikolay Povich; BARTASHEV, L.V.

[Organization of auxiliary economy of flour mills] Organizatsiia
vspomogatel'nogo khoziaistva mukomol'nykh predpriatii. Moskva,
Khleboizdat, 1959. 157 p. (MIRA 13:7)
(Flour mills)

BARTASHEV, Leonid Veniaminovich, kand.tekhn.nauk; SHUKHGAL'TER, L.Ya.,
nauchnyy red.; KOSAKOVSKAYA, N.A., red.; ATROSHCHENKO, L.Ye.,
tekhn.red.

[Continuous methods for production processes in the machinery
industry] Potochnye metody organizatsii proizvodstva v mashi-
nostroenii. Moskva, Izd-vo "Znanie," 1960. 47 p. (Vsesoyuznoe
obshchestvo po rasprostraneniю politicheskikh i nauchnykh
znaniy. Ser.3, Ekonomika, no.19). (MIRA 13:7)
(Machinery industry)

BARTASHEV, L.V., kand.tekhn.nauk

Selecting the most advantageous method for casting. Mashinostroitel'
no.12:39 D '60. (MIRA 13:12)

(Founding)

BARTASHEV, L.V.; RAZUMOV, I.M., prof., red.; BASKAKOVA, T.V., tekhn. red.

[Organization of continuous-lot production in the manufacture of machinery] Organizatsiia serijno-potochnogo proizvodstva v mashinostroenii. Pod red. I.M.Razumova. Moskva, Vses.in-t nauch.i tekhn. informatsii, 1961. 49 p. (MIRA 14:11)
(Automation) (Machinery industry)

BARTASHEV, L.V., kand.tekhn.nauk, dotsent

Experience in reducing the weight of machinery. Vest.mash. 41 no.7:
3-8 J1 '61. (MIRA 14:6)

(Machinery---Design and construction)

BARTASHEV, L.V., kand.tekhn.nauk

Economic efficiency in the design of automatic production systems.
Mashinostroenie no.4:100-104 J1-Ag '62. (MIRA 15:9)

1. Odesskiy tekhnologicheskii institut.
(Machine tools--Technological innovations)
(Automation)

BARTASHEV, L.V.; TILLES, S.A., kand. tekhn. nauk, retsenzent
[deceased]; SHEVELEV, A.G., inzh., retsenzent; KOL'DERTSOV,
M.S., inzh., red.; TIKHANOV, A.Ya., tekhn. red.

[Technical and economic calculations in designing and
manufacturing machinery] Tekhniko-ekonomicheskie raschety
pri proektirovanii i proizvodstve mashin. Moskva, Mashgiz,
1963. 303 p. (MIRA 16:7)
(Machinery--Design and construction)

BARTASHEV, L.V., kand.tekhn.nauk

Economic aspects of the replacement of metals by ceramic metals.

Vest.mashinostr. 43 no.5:72-74 My '63.

(MIRA 16,5)

(Ceramic metals)

BARTASHEV, L.V., kand.tekhn.nauk

Economic indices of the evaluation of machinery design. Vest.
mashinostr. 43 no.9:71-74 S '63. (MIRA 16:10)

BAGDASHEV, Leonid Ven'yaminovich; GABAI-RE, E., [ed.];
YUR'YAN, E. [Jurgens, E.], ed.

[Economics of designing machinery and instrument. *Ekono-*
mika konstruirovaniia mashin i priborov. Ed. by Leonid Ven'yaminovich Bagdashov, 1964. 100 p.

Y BARTASHEV, V. A.

X-ray screens. I. F. Sukorevich, V. A. Bartashev and
Yu. V. Trenke. Russ. 41,706, July 31, 1945. For the
prepn. of x-ray screens, Ca tungstate is activated by heat
ing with H_2O , or compds. that form H_2O at high temps.

ASAC 11.3 METALLURGICAL LITERATURE CLASSIFICATION

~~BARTASHEV, V. A.~~ BARTASHEV, V. A.

"Vinyl acetylene comme produit primaire de la condensation de l'acetylene en conditions differantes". Zourich, L. G., Efremova, E. M., Bartashev, V. A. et Janitz, J. G.

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1936, Volume 6, No. 2

BARTASHEV, V. A.		PROCESSES AND PROPERTIES INDEX	
Stabilization of acetylene polymers. I. M. Dolgorukil and V. A. Bartashev. <i>J. Applied Chem. (U.S.S.R.)</i> 19, 1291-1302 (1946) (in Russian). (1) The rate of absorption of O gas at room temp. by divinylacetylene $\text{CH}_2=\text{CHC}\equiv\text{CH}$ (DVA) (90-95% pure) with 90-10% $\text{CH}_2=\text{CHCH}=\text{CHC}\equiv\text{CH}$, resulting in the formation of peroxide, was measured manometrically on 5-g. samples, in the absence and in the presence of various antioxidants, over several days to weeks. Without addn. of stabilizer, max. absorption in the light attained 150 ml./g. after 12 days, in the dark 140 ml./g. in 15 days. The effect of light is very slight. Solvents commonly used in the polymerization of DVA (PhCl, xylene) have no inhibiting effect. Likewise, addns. of 2% of inorg. substances (S, FeS, KI, I, NaHSO_3), quinoline, pyridine, resorcinol, phloroglucinol, benzidine, β-naphthol, aminophenol, metol, and thiourea, had very little or no effect. Rhythamine and MeCH_2NPH (2%) had a slowing-down effect only during the initial 12 days or so after which absorption soared abruptly. Two percent aniline kept down absorption (below 10 ml./g.) for about 48 days; the same was observed with 2% toluidine, the absorption of O beginning to rise again after 42 days. With 2% phenol DVA remained stable for about 18 days, after which O absorption rose and remained at an approx. const. level of about 15 ml./g. up to		10 days. Pyrogallol is effective at 2% (absorption not over 2-3 ml./g. for 36 days), whereas at 1% it protects only for about 10 days, with rapidly growing absorption setting in suddenly at that stage. Satisfactory autooxidation protection was afforded by 2% cresol, 2% thymol (O absorption below 8 ml./g. for 72 days), fairly satisfactory by both 1% and 2% guaiacol (not over 15-18 ml./g. up to 98 days). Hydroquinone protects to the extent of not over 5 ml./g. absorbed over 75 days, when present in at least 2%. A protective power of about the same order of effectiveness (2-3 months unless stated) was shown by 2% phenyl-β-naphthylamine, β-naphthylamine, α-naphthylamine, 1,2% diphenylamine (1 month), and 1,2% alkyl-α-naphthylamine. These compds. are sufficiently sol. in both DVA and in the commonly used solvents. A 5 ml./g. uptake per 24 days was noted, also on a tech. DVA mixt. contg., in addn. to $\text{CH}_2=\text{CHCH}=\text{CHC}\equiv\text{CH}$, CH_2CHO, $\text{CH}_2=\text{CHC}\equiv\text{CH}$, $\text{CH}_2=\text{CHCH}=\text{CHC}\equiv\text{CH}$, the "tetramer" 1,3,7-octatrien-3-yne, acetylenylhexatriene, etc. (2) On boiling at 90-100° for several hrs. in 5-10% O dkd. with N, without and with PhCl (5 g./5 g. DVA), only aniline proved to slow down absorption of O by DVA. In a new polymerization solvent, the hydrocarbon fraction b. 120-50° obtained in the synthesis of $\text{CH}_2=\text{CHCH}=\text{CH}$ and contg. some dienes (5 g. solvent/5 g. DVA), some antioxidant protection was obtained (in 3-4 hrs. boiling) with various combinations of stabilizers (e.g. RtNH_2 0.1 + alkyl-α-naphthylamine 0.1). That boiling does not destroy the antioxidant properties was shown by the fact that the action of the best stabilizers in the cold was found unchanged after prolonged boiling (up to 200 hrs.).	
ALB 51.4 METALLURGICAL LITERATURE CLASSIFICATION		8-27-46	
FROM: SYR-DIA		12300 22447	
1-10-50 22		12300 22447	
1-10-50 22		12300 22447	

USSR/Chemistry - Cellulose Acetate

Jun 52

"Stabilization of Cellulose Triacetate Film Against Deterioration Due to Oxidation At High Temperatures," A. A. Freymann, V. A. Bartashev, L.I. Shagalova, et al, Leningrad Inst of Motion Picture Engineers, Lab of Motion Picture Film Base Technol

"Zhur Prikl Khim" Vol XXV, No 6, pp 626-633

The stability of triacetate films, used in particular as elec insulation material, toward air, high temps, and other factors, can be increased by addn of special substances. Analyzed the gaseous phase in an app contg triacetate film both with and without stabilizer. The film was in an oxygen medium

218734

USSR/Chemistry - Cellulose Acetate (Contd) Jun 52

at temps of 80 to 140°C. Film samples kept at the same temps in nitrogen were used for comparison. Pyrogallol, α -naphthylamine, phenyl- α -naphthylamine and phenyl- β -naphthylamine were tested for action as stabilizers. The latter 2 were found to be the most effective.

BARTASHEV, V. A.

PA 228713

USSR/Chemistry - Photofilm Stabilizers Aug 52

"The Change in the Amount of Stabilizers in Triacetate Films During Destruction by Oxidation at Elevated Temperatures," A. A. Freyman, V. A. Bartashov, L. I. Shagalova, N. I. Perfilova, V. D. Kurchenko, Lab of Techno for Moving Picture Film Base, Leningrad Inst of Moving Picture Film Engineers

"Zhur Prikl Khim" Vol 25, No 8, 884-889

States that stabilizers present in films are subject to chem change to a greater deg than

228713

(1)

stabilizers in their free form, under similar conditions. The nature of the change in the quantity of phenyl- α -naphthylamine and phenyl- β -naphthylamine is identical in films. During the process of oxidation, the amt of stabilizer changed, whereas there was no thermal decorn of phenyl- β -naphthylamine when heated at 1400 C. Intermediate products of the oxidation of aromatic amines were also shown to be stabilizers of triacetate films. The action of oxygen on plasticized, stabilized films, at a temp of 1400 C, was studied. The simultaneous presence of a stabilizer (secondary amine) and dibutylphthalate

228713

(2)

assured a greater resistance of both to the effect of oxygen at high temps.

(3)

228713

BARTASHOV, V. A.

11.223

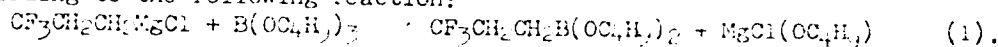
3407

S/063/62/007/002/011/014

A057/A126

AUTHORS: Gridina, V.F., Klebanskiy, A.L., Bartashev, V.A.
 TITLE: Boronorganic compounds. Synthesis of some fluoroalkyl derivatives of boron
 PERIODICAL: Zhurnal vsesoyuznogo khimicheskogo obshchestva imeni D.I. Mendeleeva, v. 7, no. 2, 1962, 230 - 231

TEXT: Recent publications treated the instability of perfluoroalkyl derivatives of boron. The instability of these compounds with the fluorine atom in the α -position can be explained by an inductive effect. The present authors observed that this effect is reduced in compounds with the fluorine atom in β -position of the type $R_pCH_2CH_2RX_2$ where R_p stands for CF_3 , and X for OH or OR. Four new substances of this type were synthesized being relatively stable against heat and oxidation. The 3,3,3-trifluoropropylboronbutylester was prepared according to the following reaction:



The 3,3,3-trifluoropropylboric acid $CF_3CH_2CH_2B(OH)_2$ was separated from the Mg-complex of reaction (1) with 10% H_2SO_4 and subsequent treatment of the mixture
 Card 1/2

X

Boronorganic compounds.....

S/063/62/007/002/011/014
A057/A126

with water and benzene. The acid can be obtained also by a heating of the ester with 5 N HCl. The third substance 3,3,3-trifluoropropylboronethyl-ester $\text{CF}_3\text{-CH}_2\text{-CH}_2\text{-B(OC}_2\text{H}_5)_2$ was prepared from the obtained fluoropropylboric acid by heating with excess absolute ethanol. From the same acid was obtained the anhydride $(\text{CF}_3\text{-CH}_2\text{-CH}_2\text{BO})_2$ by heating with benzene, removing the evolved water as azeotrop mixture, or by heating in vacuum over a dehydrating agent, such as calcinated Al_2O_3 . There are 2 references.

ASSOCIATION: Vsesoyuznoy nauchno-issledovatel'skiy Institut sinteticheskogo kauchuka im. S.V. Lebedeva (All-Union Scientific Research Institute of Synthetic Rubber imeni S.V. Lebedev)

SUBMITTED: August 28, 1961

Card 2/2

5 2420
5 2410

33936
S/079/62/032/001/014/016
D204/D302

AUTHORS: Gridina, V.F., Klebanskiy, A.L., Bartashev, V.A., and Sharov, V.N.

TITLE: Fluoroalkyl aryl derivatives of boron

PERIODICAL: Zhurnal obshchey khimii, v. 32, no. 1, 1962, 322

TEXT: The compound $m\text{-CF}_3\text{-C}_6\text{H}_4\text{-B(OC}_2\text{H}_5)_2$ was prepared by the action of a Grignard reagent on m -bromo-benzotrifluoride and ethyl borate, decomposing the Mg complex with gaseous HCl. Its b.p. was $90^\circ\text{C}/10\text{ mm Hg}$, $d_{20}^{20} 1.3433$, $n_D^{20} 1.4341$. Decomposition of the Mg complex with 10 % H_2SO_4 gave the anhydride $(m\text{-CF}_3\text{-C}_6\text{H}_4\text{-BO})_3$ melting at $162\text{-}163^\circ\text{C}$. There is 1 Soviet-bloc reference.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskogo kauchuka imeni S.V. Lebedev (All Union Scientific Research Institute of Synthetic Rubber im. S.V. Lebedev)

SUBMITTED: July 20, 1961

Card (1/1)

33937

S/079/62/0 2/001/015/016
D204/D302

5.2420
5.2410

AUTHORS: Gridina, V.F., Klebanskiy, A.L., and Bartashev, V.A.

TITLE: The peculiarities of behavior of the organic esters of boron with fluoroalkyl aryl radicals

PERIODICAL: Zhurnal obshchey khimii, v. 32, no. 1, 1962, 323

TEXT: Interaction of aryl borates with PCl_5 gives generally the corresponding dichlorides. The action of PCl_5 on $\text{m-Cl}_3\text{C}_6\text{H}_4\text{B(OC}_2\text{H}_5)_2$ resulted, however, in $\text{m-CCl}_3\text{C}_6\text{H}_4\text{BCl}_2$ of b.p. 112°C and a small amount of $\text{m-Cl}_3\text{C}_6\text{H}_4\text{BCl}_2$ of b.p. 74°C . $\text{m-CCl}_3\text{C}_6\text{H}_4\text{BCl}_2$ splits off all 5 chlorine atoms on boiling with alkali and hydrolyzes in air to the anhydride $(\text{m-CCl}_3\text{C}_6\text{H}_4\text{BO})_3$ of m.p. 192°C and not to $\text{m-CCl}_3\text{C}_6\text{H}_4\text{B(OH)}_2$ as expected. There is 1 Soviet-bloc reference. /

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskogo kauchuka imeni S.V. Lebedev (All-Union

Card (1/2)

The peculiarities of behavior ...

38937
S/079/62/032/001/015/016
D204/D302

Scientific Research Institute of Synthetic Rubber im.
S.V. Lebedev)

SUBMITTED: July 20, 1961

X

Card 2/2

FOLEJEWSKI, Witold; BARTECKA, Janina

Nonfat solid content in the milk of Frisian cows in Great Poland. Roczniki Wyz Szkola Rol Poznan no.12:217-225 '62.

1. Katedra Ogolnej Hodowli Zwierzat, Wyzsza Szkola Rolnicza, Poznan.

LARIONOVA, M. A.; KLEBANSKIY, A. L.; BARTASHEV, V. A.

Synthesis of some 3,3,3-trifluoropropyl derivatives of
phosphorus. Zhur. ob. khim. 33 no.1:265-266 '63.
(MIRA 16:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteti-
cheskogo kauchuka imeni S. V. Lebedeva.

(Phosphorus organic compounds)

Shipment # 29
L 17734-63

Ps-4/Pc-4/Pr-4

EPR/EWP(j)/EPF(c)/EWP(q)/EWT(m)/BDS

AFFTC/ASD

ACCESSION NR: AP3004289

S/0079/63/033/007/2422/2422

AUTHORS: Drozdov, G. V.; Klebanskiy, A. L.; Bartashev, V. A. 76

TITLE: Synthesis of bis-cyclopentadienyl titanium bis-trifluoroethoxide

SOURCE: Zhurnal obshchey khimii, v. 33, no. 7, 1963, 2422

TOPIC TAGS: cyclopentadienyl titanium, alkoxide, trifluoroethoxide, toluene, trifluoroethanol

ABSTRACT: Earlier attempts to prepare bis-alkoxy derivatives of bis-cyclopentadienyl titanium were unsuccessful. The reaction of two moles of sodium trifluoroethoxide with one mole of bis-cyclopentadienyl titanium dichloride in anhydrous toluene gave the title compound in 70-80% yield as a reddish brown, crystalline solid with melting point of 47-8°. The compound, in analogy with the orthotitanates, is associated in benzene solution. For proof of structure, the new compound was converted back to the starting dichloride by treatment with hydrogen chloride acetyl chloride. UV spectra show that the organo-titanium group in the two compounds have similar structures. Orig. art. has: no graphics.

ASSOCIATION: none

Card 1/2/

ACCESSION NR: AP4037059

S/0079/64/034/005/1401/1403

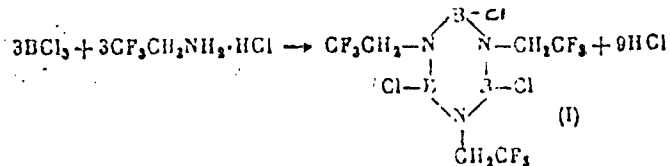
AUTHOR: Gridina, V. F.; Klebanskiy, A. L.; Bartashev, V. A.

TITLE: Synthesis of fluoroalkyl derivatives of borazole.

SOURCE: Zhurnal obshchey khimii, v. 34, no. 5, 1964, 1401-1403

TOPIC TAGS: borazole, fluoroalkylborazole, fluorine containing borazole, synthesis

ABSTRACT: Two new fluorine-containing derivatives of borazole were synthesized. B-trichloro-N-tri(trifluoroethyl)borazole, melting at 250C, was prepared by boiling $\text{CF}_3\text{CH}_2\text{NH}_2 \cdot \text{HCl}$ and BCl_3 in chlorobenzene for 15 hours and precipitating with tetrahydrofuran:

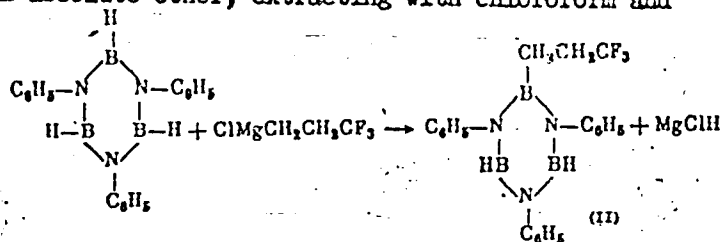


A bifunctional B-monofluoroalkyl-containing borazole, B-mono(3,3,3-trifluoropropyl)-N-triphenylborazole, melting at 128-130C, was obtained by alkylating N-triphenyl-

Cord 1/2

ACCESSION NR: AP4037059

borazole with $\text{ClMgCH}_2\text{CH}_2\text{CF}_3$ in absolute ether, extracting with chloroform and precipitating with heptane:



Orig. art. has: 2 equations

ASSOCIATION: None

SUBMITTED: 28Feb63

DATE ACQ: 09Jun64

ENCL: 00

SUB CODE: OC

NO REF SOV: 000

OTHER: 005

Card 2/2

L 11201-66	EWI(M)/EWP(J)	RM
ACC NR: AP6002865	SOURCE CODE: UR/0286/65/000/024/0021/0021	
INVENTOR: <u>Grinblat, M. P.; Baryashev, V. A.; Klebanskiy, A. L.;</u> <u>Chernyavskaya, T. L.; Prona, V. N.; Sokolov, Ye. I.; Sharov, V. N.;</u> <u>Saratovkina, T. I.</u>		
ORG: none		
TITLE: Preparative method for diaryl- or dialkyl-chlorophosphazobis(perfluoroalkyl)phosphines. Class 12, No. 176896 [announced by the All-Union Scientific Research Institute of Synthetic Rubber im. Academician S. V. Lebedev (Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskogo kauchuka)]		
SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 24, 1965, 21		
TOPIC TAGS: <u>organic phosphorus compound</u> 4455		
ABSTRACT: An Author Certificate has been issued for a preparative method for diaryl or dialkyl-chlorophosphazobis(perfluoroalkyl)phosphines [sic]. Diaryl- or dialkyl-phosphorus trichlorides are reacted with bis(perfluoroalkyl)aminophosphines in the presence of tertiary amines at -60 to -40C in an inert solvent, such as benzene. [SM]		
SUB CODE: 07/ SUBM DATE: 09Oct64/ ATD PRESS: 4192		
Card 1/1	UDC: 547.419.1.07	

L 24517-66 EWT(1)/EWT(m)/EWP(j)/T IJP(c) WW/RO/RM
ACC NR: AP6009512

SOURCE CODE: UR/0413/66/000/005/0021/0022

AUTHOR: Grinblat, M. P.; Klebanskiy, A. L.; Bartashev, V. A.; Prona, V. N.;
Chernyavskaya, T. L.; Sokolov, Ye. I.; Sharov, V. N.; Markova, V. I.; Saratovkina, T.I.

ORG: none

TITLE: Preparation of phosphonitrile derivatives. Class 12, No. 179311 [Announced
by the All-Union Scientific-Research Institute of Synthetic Rubber (Vsesoyuznyy
nauchno-issledovatel'skiy institut sinteticheskogo kauchuka)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 5, 1966, 21-22

TOPIC TAGS: phosphonitrile, phosphonitrile derivative

ABSTRACT: An Author Certificate has been issued describing a method for synthesizing
phosphonitrile derivatives by the interaction of organophosphorus compounds with
sodium azides in a solvent or with ammonia followed by treatment with chlorine and
tertiary amine during cooling. To obtain phosphonitrile derivatives with alternating
substituents at the phosphorus atom, dialkyl(diaryl)-chlorophosphazobis-(perfluoro
alkyl)phosphines are suggested for use as initial organophosphorus compounds. [LD]

SUB CODE: 11/ SUBM DATE: 18Jan65

Card 1/1 BLG

UDC: 547.419.1.07

ACC NR: AP6025990

SOURCE CODE: UR/0079/66/036/007/1283/1285

AUTHOR: Gridina, V. F.; Kiebankiy, A. L.; Bartashev, V. A.; Dorofeyenko, L. P.; Kozlova, N. V.; Krupnova, L. Ye.

ORG: none

TITLE: Synthesis and properties of bis(trimethylsilyl)borates

SOURCE: Zhurnal obshchey khimii, v. 36, no. 7, 1966, 1283-1285

TOPIC TAGS: organosilicon compound, organoboron compound, organic synthesis, hydrolysis

ABSTRACT: The synthesis of bis(trimethylsilyl)borates is of interest because they serve as the basis for the production of valuable polymers. In this investigation bis(trimethylsilyl)-propylborate, bis(trimethylsilyl)-3,3,3-trifluoropropylborate, bis(trimethylsilyl)-phenylborate and bis(trimethylsilyl)-m-trifluoromethylphenylborate were synthesized with different substituents at the boron atom, in order to determine the effects of the structure of radicals on various properties of the B-O-Si bond. The structure of the above compounds was determined by elemental analysis and infrared spectroscopy. All compounds absorbed in the 1340 cm^{-1} region, characteristic for the B-O bond, and in the 1410 cm^{-1} region, characteristic for the CH_3 group in the $\text{CH}_3\text{-Si}$ configuration. Arylborates displayed absorption band in the 1600 cm^{-1} region, charac-

Card 1/2

UDC: 546.287+546.27

L 03026-67

ACC NR: AP6025990

teristic for benzene ring. Fluorine containing compounds had absorption bands in the 1000-1200 cm^{-1} region, characteristic for the C-F bonds. The obtained data show that at large dilution in anhydrous nonpolar solvent Si-O-B and C-O-B bonds undergo hydrolysis by traces of water only in the case when one boron atom contains three Si-O or C-I bonds. If in addition to these bonds boron also has a covalent carbon bond, hydrolysis stability increases due to the screening effect of the radical, regardless of its structure. Orig. art. has: 1 figure, 1 table.

SUB CODE: 07/

SUBM DATE: 30Mar65/

ORIG REF: 005/

OTH REF: 009

ind
Card 2/2

L 54949-65 EWT(1)/EWA(j)/T/EWA(b)-2 BW/JK

ACCESSION NR: AP5014288

UR/0016/65/000/006/0043/0047
616.981.49-022.39(471.23-2)

AUTHOR: Grebenchuk, A. I.; Bakulina, L. I.; Vashchenok, G. I.; Somova, N. M.;
Pun'ko, T. A.; Andreyeva, A. P.; Yudinova, P. V.; Bartasheva, V. A.; Balabonova,
L. S.

TITLE: Salmonellosis in rodents in Leningrad

SOURCE: Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 6, 1965, 43-47

TOPIC TAGS: salmonella, rodent carrier, disease control

ABSTRACT: Approximately 46,000 rodents were examined in a study of salmonellosis in rodents in Leningrad in 1960-1962. These included 36,000 gray rats, 850 black rats, 6100 house mice, and 2700 other murine rodents (9 species). The rodents were caught in various food establishments, apartments, etc. in the city and suburbs. 301 serological types of salmonella were isolated from this material; 151 were typed as Isachenko-Danich organisms; the remainder were distributed among 18 serological types from the B, C, D, E, and F groups. All but one of the latter were isolated from the organs of the gray rats and house mice, a matter of epidemiological in-

Card 1/2

L 54949-65

ACCESSION NR: AP5014288

terest because these rodents belong to synanthropic species. No salmonellas were isolated from rodents caught in open places such as gardens, parks, and cemeteries. Most of the types (32%) were isolated during warm weather, 14% in the fall. The commonest of the salmonellas isolated from the rodents were *S. enteritidis* (42%) and *B. typhimurium* (40%); *S. suispestifer*, *S. paratyphi* C, and others were rarer. The types of salmonellas (15) isolated from the rodents were also isolated from sick persons during the same period. The percentage of the various types isolated from man was about the same as in the rodents. Orig. art. has: 3 tables.

ASSOCIATION: Leningradskaya protivochumunnaya i gorodskaya nablyudatel'naya stantsiya (Leningrad Port and Municipal Plague Observation Station); Leningradskaya sanitarno-epidemiologicheskaya stantsiya (Leningrad Sanitary-Epidemiological Station)

SUBMITTED: 26Feb64

ENCL: 00

SUB CODE: LS

NO REF SOV: 007

OTHER: 000

Card 2/2

BARTASHEVICH, A. A.: Master Tech Sci (diss) -- "Investigation of the effect of adding Minsk forest argillaceous soils on certain properties of concrete".
Minsk, 1958. 19 pp (Min Higher Educ USSR, Beloruss Polytechnic Inst im I. V. Stalin), 150 copies (KL, No 1, 1959, 118)

BARTASHEVICH, A.A., inzh.

Economizing cement which is used in making autoclave concretes.

Bet. i zhel.-bet. no.6:237 Je '58.

(MIRA 11:6)

(Cement)

BARTASHEVICH, A.A.; KUCHUR, Ye.S.; PEVZNER, E.D.

Reinforced concrete loads for wheeled tractors. Trakt. i sel'-
khoz mash. 33 no.7:43 J1 '63. (MIRA 16:11)

1. Belorusskiy politekhnicheskiy institut.

BARTASHEVICH, B. A.

23227. Kompleksnoye primeniye mashin pri poekhodke shtrekov. Mekhanizatsiya
trudoyemkikh i tyazhelykh rabot, 1949, No. 7, c. 9-10

SO: LETOPIS' NO. 31, 1949.

BARTASHEVICH, B.A.

117. *On the problem of the contact of the plane, which is a part of a cylinder, with a cylinder along a straight line.* (In Russian). *Trudy Inst. Mat. Mekh. SSSR*, 1959, No. 2, 22-23, 1959, No. 2, 22-23.

The problem is solved for the established motion of a homogeneous, incompressible, flexible filament along a cylinder located in a vertical plane. The conditions for the maintenance of contact between the filament and the cylinder is stated. Three numerical examples are given.

A. S. PERRY, USSR

Courtesy Keldysh Institute

Translation courtesy Library of Supply, England

006

BARTASHEVICH, E.I., inzh.; KOPYSEV, V.A., inzh.

Rapid method of determining the fatty acid content of toilet
soap by means of the trilon B. Masl.-zhir.prom. 28 no.9:
34-35 S '62. (MIRA 15:9)

1. Gomel'skiy zhirovoy kombinat.
(Soap—Analysis)

UREVICH, A.L.; BARTASHEVICH, L.; spets. rel.

[Use of liquefied gas in construction] Ispol'zovanie
szhizhenykh gazov v stroitel'stve. Minsk, Nauchno-
tekhn. ob-vo energeticheskoi promyshl., 1963. 38 p.
(MIRA 17.5)

BARTASHUTCH, M. A.

Bears

Bear attacks on beehives Pchelovodstvo 29, no. 4, April, 1952

9. Monthly List of Russian Accessions, Library of Congress, August 195²~~3~~, Uncl.

Bartashevich, N. S.

USSR/Microbiology - Antibiosis and Symbiosis. Antibiotics

F-2

Abs Jour : Referat Zhurn - Biol. No 16, 25 Aug 1957, 68450

Author : Bartashevich, N.S., Shuvalova, E.P.

Title : Increased Resistance of Dysentery Bacteria to Biomycin.

Orig Pub : Kishchnie Infektsiy. Vopr. Bakteriolog., Immunol., i Kliniki Buyushn., Tifa i Disenterii, L. Medgiz, 1956, 140-148

Abstract : Bacteriostatic action of biomyacin (I) on different strains of dysentery bacteria is clearly manifested at concentrations of 0.4-6.8 γ /ml. By the 15th passage through the medium containing I, the resistance of the bacteria to the antibiotic increased significantly. At the same time a change in the morphologic and cultural properties of the strain was noted.

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BARTASHEVICH N.S.
USSR/Microbiology - Microorganisms Pathogenic to Humans and
Animals.

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Abs Jour : Ref Zhur - Biol., No 3, 1958, 9920

Author : Bartashevich, N.S.

Inst :

Title : Properties of Staphylococci Isolated from Patients and
from Animal Organisms in Experimental Pus Infections.

Orig Pub : Zh. mikrobiol., epidemiol. i immunobiologii, 1956 (1957),
prilozhenie, 46-47

Abstract : In bacteriological studies of pus in 55 patients ill with
different pyogenic processes, treated without use of anti-
biotics, 240 strains of staphylococci were isolated.
During development of pussy processes staphylococci lost
one or another property (fibrinolytic, plasma coagulating,
hemolytic, hyaluronidase activities). Loss of one or two
features was observed, but only very rarely was there a to-
tal change of the whole complex of properties.

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now at Acad. I. P. Pavlov Institute

SHUVALOVA, Ye.P.; BARTASHEVICH, N.S.

Clinical observations and bacteriological data on combined
antibiotic therapy for children with dysentery. Zhur. mikrobiol.
epid. i immun. 31 no. 5:103-104 My '60. (MIRA 13:10)

1. Iz kafedry infektsionnykh bolezney i kafedry mikrobiologii
I Leningradskogo meditsinskogo instituta imeni akademika Pavlova.
(ANTIBIOTICS) (DYSENTERY)

BARTASHEVICH, O. A.

BREYGINA, Kh.S.; BARTASHEVICH, O.A.

Stabilization of ascorbic acid solutions for injections. Apt.
delo 3 no.4:12-14 J1-Ag '54. (MLRA 7:8)

1. Iz eksperimental'noy laboratorii Khimfarmzavoda No.1, Leningrad.
(VITAMIN C,
*stabilization of solutions for inject.)
(INJECTIONS,
*stabilization of solutions with vitamin C)
(SOLUTIONS,
*for inject., stabilization with vitamin C)

BARLSHEVICH, O.A.; RABOTNOV, N.K.

Mastering the production of flamin. Med.prom. 13 no.7:41-46
J1 '59. (MIRA 12:10)

1. Leningradskiy khimiko-farmatsevticheskiy zavod No.1.
(CHOLAGOGUES)

BARTASHEVICH, O.A.

Quantitative determination of benzatsin in solution and in tablets.
Apt. delo 9 no. 6:26-29 N-D '60. (MIRA 13:12)

1. Eksperimental'naya laboratoriya Leningradskogo khimiko-farmetsevticheskogo zavoda.
(BENZILIC ACID)

YEGOROVA, V.I.; SLAVYANOV, Yu.N.; BARTASHEVICH, O.A.

Evaluation of the quality of tablets by their tendency to pulveri-
zation. Med.prom. 15 no.1: JA '61. (MIRA 14:1)

1. Leningradskiy khimiko-farmatsveticheskiy institut.
(TABLETS (MEDICINE))

BARTASHEVICH, O.A.

Ginseng root powder tablets. Med. prom. 16 no.3:38-40 Mr '62.
(MIRA 15:5)

1. Leningradskiy khimiko-farmatsevticheskiy zavod No.1.
(GINSENG) (TABLETS (MEDI CINE))

BARTASHEVICH, O.A.; LAYEVSKAYA, L.U.

Testing a pilot plant model of a film evaporator in the production of adonis extract. Trudy Len. khim-farm. inst. no. 14: 87-93 '62 (MIRA 17:2)

AYZENBERG, Yu.B.; BARTASHEVICH, O.V.; OLESOV, P.P.

Session dedicated to the 50th anniversary of IU. N. Godin's
birth. Sov. geol. 6 no.5:146-147 My '63. (MIRA 16:6)

(Godin, IUrii Nikolaevich)

BARTASHEVICH, O.V.; KUDEL'SKIY, A.V.

Gas-oil fields in Mesozoic deposits of the western Kopet-Dag.
Izv.AN Turk.SSR.Ser.fiz.-tekhn., khim.i geol.nauk no.3:118 '63.
(MIRA 17:3)

1. Upravleniye geologii i okhrany nedr pri Sovete Ministrov
Turkmeniskoy SSR.

DIKENSHTeyN, G.Kh.; KUTUZOVA, V.V.; MASHRYKOV, K.K.; BABAYEV, A.G.;
 POL'STER, L.A.; YUFEREV, R.F.; SHISHOVA, A.I.; BAREYEV,
 R.A.; MAKAROVA, L.N.; MURADOV, K.; FYANOVSKAYA, I.A.;
 SEMOV, V.N.; SIROTINA, Ye.A.; TURKINA, I.S.; FEL'DMAN,
 S.L.; KHON, A.V.; KUNITSKAYA, T.N.; GOLENKOVA, N.P.;
 ROSHINA, V.M.; FARTUKOV, M.M.; SHCHUTSKAYA, Ye.K.;
 ALTAYEVA, N.V.; BYKADOROV, V.A.; KOTOVA, M.S.; SMIRNOV,
 L.M.; IERAGIMOV, M.S.; KRAVCHENKO, M.F.; MARKOVA, L.P.;
 ROZYYEVA, T.R.; UZAKOV, C.; SLAVIN, P.S.; NIKITINA, Ye.A.;
 MILOGRADOVA, M.V.; BARTASHEVICH, O.V.; STAROBINETS, I.S.;
 KARIMOV, A.K.

[Splicing of the wires of overhead power transmission lines]
 Soedinenie provodov vozdukhnykh liniy elektroperechachi. Mo-
 skva, Energiia, 1964. 69 p. (Biblioteka elektromontera,
 no.132) (MIRA 17:9)

KUDZUSHIY, A.V. BARTASHVILI, G.I.

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AM Tur. SSR. Ser. 124-141. ...
124 (1981-1982)

1. ...
... by SCP.

ACCESSION NR: A24013934

S/2659/63/010/000/0102/0104

AUTHOR: Bartashevich, R. A.

TITLE: Direct, reverse and relaxation creep

SOURCE: AN SSSR. Institut metallurgii. Issledovaniya po zharoprochny'm splavam, v. 10, 1963, 102-104

TOPIC TAGS: creep, direct creep, reverse creep, relaxation creep

ABSTRACT: The static theory of dislocations of N. S. Akulov introduces two new parameters characterizing the behavior of dislocations in metals during plastic deformation, namely: the probability of metal failure β and chain multiplication α . On the basis of Akulov's theory the following equation is true for the creep rate:

$$\frac{\partial \epsilon}{\partial t} = \left(\frac{d\epsilon}{dt} \right)_{\infty} + \left[\left(\frac{d\epsilon}{dt} \right)_0 - \left(\frac{d\epsilon}{dt} \right)_{\infty} \right] e^{-\beta' \epsilon} \quad (1)$$

where $\beta' = \beta - \alpha$ and ϵ is the deformation. In order to answer the important question of how the dislocations disappear, N. S. Akulov suggested the investigation of the direct and reverse creep rate in relation to the number of cycles, reverse creep being creep with a sudden change in sign of the load. The present tests were performed by torsion of a

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